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jc945 U.S. PTO

## UTILITY PATENT APPLICATION TRANSMITTAL

|  |   |                    |
|--|---|--------------------|
| Address to:<br><b>Box PATENT APPLICATION</b><br><b>Commissioner for Patents</b><br><b>United States Patent &amp; Trademark Office</b><br><b>Washington, D.C. 20231</b> | <i>Attorney Docket No.</i>              | BUO 0101 PUS       |
|  | <i>Inventor(s) or Appln. Identifier</i> | SRIKRISHNA TALLURI |

jc910 U.S.  
 09/7/11  


UC910 U.S. PTO  
09/711791  
11/13/00

1. This application entitled METHOD AND SYSTEM FOR USING A COMMUNICATIONS NETWORK TO ARCHIVE AND RETRIEVE BIBLIOGRAPHY INFORMATION AND REFERENCE MATERIAL is:
- a.  X  A new application under 37 C.F.R. § 1.53(b).
- b.       A       continuation       divisional or       continuation-in-part application under 37 C.F.R. § 1.53(b) of prior application Serial No.       /       filed on                       , entitled                       .
- c.       A new utility application which claims the benefit of provisional application Serial No.      , filed on                       .

Application elements and other attached papers:

2.   X   Specification (including Claims and Abstract) [Total Pages  26 ]
3.   X   Drawings (   informal /  X  formal) [Total Sheets  3 ]
4.   X   Oath or Declaration
- a.   X   Newly-executed
- b.        Copy from a prior application (37 C.F.R. § 1.63(d))
5.        Incorporation By Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.        This application is filed by fewer than all the inventors named in the prior application, 37 C.F.R. § 1.53(d)(4).
- a.        ***DELETE*** the following inventor(s) named in the prior nonprovisional application:
- \_\_\_\_\_
- \_\_\_\_\_
- b.        The inventor(s) to be deleted are set forth on a separate sheet attached hereto.

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this UTILITY PATENT APPLICATION TRANSMITTAL and the documents referred to as attached therein are being deposited on the below date with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" addressed to: Box Patent Application, Commissioner for Patents, United States Patent and Trademark Office, Washington, D.C. 20231 on:

**Express**  
**Mail Label No.** EK631030851US

Date of Deposit: November 13, 2000

Susan K. Olson  
(Type or print name of person mailing paper)

Susan K. Wilson  
(Signature of person mailing paper)

## 7. Preliminary Amendment:

- a. ☐ A Preliminary Amendment is attached.
- b. ☐ Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee.
- c. ☐ Please amend the specification by inserting before the first line the following sentence:
- "This is a ☐ continuation  
☐ divisional  
of copending application(s) serial number \_\_\_\_/\_\_\_\_\_  
filed on \_\_\_\_\_."
- d. ☐ A Petition to Suspend Prosecution For The Time Necessary to File An Amendment (New Application Filed Concurrently) is attached.

## 8. Small entity status:

- a. ☒ Applicant claims small entity status.
- b. ☐ Small entity status was claimed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer desired.

## 9. Fee Calculation:

| FOR   | NUMBER<br>FILED | NUMBER EXTRA | RATE    | CALCULATIONS  |
|---|-----------------|--------------|---------|---------------|
| TOTAL CLAIMS<br>(37 C.F.R. § 1.16(c))   | 25 -20 =        | 5            | x 18.00 | 90.00         |
| INDEPENDENT CLAIMS<br>(37 C.F.R. § 1.16(b))                                     | 3 -3 =          | 0            | x 80.00 |               |
| MULTIPLE DEPENDENT CLAIMS (if applicable) (37 C.F.R. § 1.16(d))                 |                 |              | 270.00  |               |
| BASIC FEE (37 C.F.R. § 1.16(a))   |                 |              |         | 710.00        |
| TOTAL OF ABOVE CALCULATIONS   |                 |              |         | 800.00        |
| REDUCTION BY 50% FOR FILING BY SMALL ENTITY (NOTE 37 C.F.R. §§ 1.9, 1.27, 1.28) |                 |              |         | 400.00        |
| \$40.00 ASSIGNMENT RECORDAL FEE (if applicable)                                 |                 |              |         |               |
| <b>TOTAL</b>  |                 |              |         | <b>400.00</b> |

10. ☒ A check in the amount of \$ 400.00 is enclosed.
11. ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees (or any deficiency therein) to Deposit Account No. 02-3978 :
- a. ☒ Fees required under 37 C.F.R. § 1.16.
- b. ☒ Fees required under 37 C.F.R. § 1.17.

12. Maintenance of Copendency of Prior Application

\_\_\_\_\_ A request for extension of time and the appropriate fee have been filed in the pending **prior** application (or are being filed in the prior application concurrently herewith) to extend the period for response until \_\_\_\_\_.

13. X An Information Disclosure Statement (IDS) is attached, along with the following indicated attachments thereto:

a. X Form PTO/SB/08 ( 1 sheet(s))

b. X Copies of references cited

14. \_\_\_\_\_ Certified copy of priority document(s)

15. X Return Receipt Postcard

16. \_\_\_\_\_ Other: \_\_\_\_\_

17. \_\_\_\_\_ An Assignment of the invention to \_\_\_\_\_

a. \_\_\_\_\_ is attached.

b. \_\_\_\_\_ was recorded on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_.

18. The power of attorney in the prior application is to:

\_\_\_\_\_  
Name of Attorney of Record

\_\_\_\_\_  
Reg. No.

\_\_\_\_\_ The power appears in the original papers in the prior application.

\_\_\_\_\_ The power does not appear in the original papers, but was filed on \_\_\_\_\_.

\_\_\_\_\_ A new power has been executed and is attached.

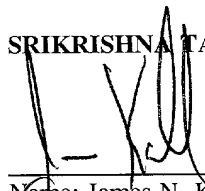
19. Correspondence Address: Please address all future communications to:

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Respectfully submitted,

**SRIKRISHNA TALLURI**

Date November 13, 2000

  
\_\_\_\_\_  
Name: James N. Kallis  
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X Attorney or agent of record  
\_\_\_\_\_  
Filed under Rule 34(a)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: SRIKRISHNA TALLURI

Serial or Patent No.: Unknown

Filed or Issued: Herewith Attorney Docket No. BUO 0101 PUS

For: METHOD AND SYSTEM FOR USING A COMMUNICATION NETWORK TO ARCHIVE AND RETRIEVE BIBLIOGRAPHY INFORMATION AND REFERENCE MATERIAL

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. §§ 1.9(f) and 1.27(b)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 C.F.R. § 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled:

METHOD AND SYSTEM FOR USING A COMMUNICATION NETWORK TO ARCHIVE AND RETRIEVE BIBLIOGRAPHY INFORMATION AND REFERENCE MATERIAL and described in:

X the specification filed herewith

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 C.F.R. § 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a non-profit organization under 37 C.F.R. § 1.9(e).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SRIKRISHNA TALLURI  
Name of Inventor

T. Srikrishna  
Signature of Inventor

NOV/10/2000  
Date

**METHOD AND SYSTEM FOR USING A  
COMMUNICATIONS NETWORK TO ARCHIVE AND  
RETRIEVE BIBLIOGRAPHY INFORMATION AND  
REFERENCE MATERIAL**

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**Technical Field**

The present invention relates generally to publishing and, more particularly, to a method and system for using a communications network such as the Internet to archive and retrieve bibliography information and reference material cited in a manuscript.

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**Background Art**

Authors of manuscripts and documents such as books and research papers frequently cite material such as articles and other books in a bibliography section. The bibliography section is usually attached to the end of the manuscript. (The terms "Works Cited" and "References" mean the same. Each is a list of words that have been cited by an author, or works to which an author has made a reference. However, the term "Bibliography" stands for a list of all the material an author has consulted in preparing a manuscript irrespective of whether or not it has been cited.) Herein, the term "Bibliography" also represents the terms "Works Cited" and "References".

20

The entire manuscript including the bibliography section is then copied for distribution to an audience. The author uses the cited reference material as a source of information for writing the manuscript. Traditionally, the reference material has been limited to physical media such as other books, research papers,

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newspaper and magazine articles, and the like. Occasionally, personal communications (regular mail), works-in-progress (interim reports, confidential reports), are also cited by authors of manuscripts.

5 However, information available on websites on the World Wide  
Web, e.g, the Internet, has become an indispensable source for research on several  
areas of interest and often makes a study more comprehensive. Information can  
be retrieved instantly from the Internet at any time from any location and may  
incorporate the most current news. Web based information is not merely an  
10 electronic version of a physical publication (such as newspapers and magazines)  
but is rather a standalone medium with no physical equivalents or limitations (i.e.,  
page size).

15 Authors and researchers are now starting to cite information from  
websites in their manuscripts. Various professional bodies have issued protocols  
for citing web content. In the bibliography section, authors generally include three  
pieces of information when citing web content. The first piece of information is  
the address of the website such as a Uniform Resource Locator (URL), for  
instance, www.website.com. The second piece of information is the date of access  
of the website (by the author) and the third piece of information is the last  
modified date of the website.

20 A problem with citing websites as sources of information is that 1)  
websites are subject to frequent, invisible modifications and 2) may be moved to  
a new address or removed from the Internet without notice. Moreover, material  
from a website once accessible to everyone may now be limited to a select  
audience. Even hypertext essays (published on the Internet itself) now often  
25 contain a list of other websites used in that study.

An important reason for citing references from any source including the Internet and traditional published material is to enable verification of the material used from the references. The bibliography section of a manuscript also becomes a resource of information for other researchers in that field. Referees of research papers, editors, other researchers and the audience of the manuscript need to review/verify the information taken from the cited references. Traditionally, the bibliography information is either given in alphabetical order or the order in which the material was used in the manuscript, with a description of the journal or magazine from which it was taken (source), title of the particular essay, editor or author name, volume number of the journal or magazine, date of publication, and particular pages where the content was assimilated. Such information enabled easy review/verification of the bibliography information or reference material.

The problem with citing a website is that the fluid, ever modifiable potential of the content of the website does not guarantee availability and true verification of the material actually used by the author.

Further, information given out by interacting members of news groups (another Internet source) and through personal communication methods such as e-mails that are cited by an author as references cannot be verified by a third party unless the information is reproduced verbatim by the author in the content of the manuscript or in the bibliography section. Authors may also cite works in progress (such as unpublished interim reports) and information obtained through personal communication methods such as regular mail. However, the problem of the inability to review/verify such material also ails these sources.

While traditional publishers generally act as authenticators for the material printed and circulated by them there exists no credibility checking service

or protocol for information available over the Internet. Search engines used for selecting websites by keywords give worthy, mediocre, and worthless websites equal importance. So, while it can be considered safe to look up and use content published in a magazine or journal, which are thus authenticated, it might be risky to use content from most web sites (that don't have any means of authentication) in a manuscript.

As such, in light of the affect the cited web based material might have had on a given manuscript, it becomes important for referees, editors, other researchers, and the audience of the manuscript to ascertain the credibility of the cited information available on those Internet websites (sources). The same can be said of hitherto non-verifiable sources such as interim reports, e-mails, communication on newsgroups/userforums, personal communications (regular mail) and the like.

### **Summary of the Invention**

Accordingly, it is an object of the present invention to provide a method and system for using a communications network to archive and retrieve bibliography information and reference material cited in a manuscript.

It is another object of the present invention to provide a method and system for using a communications network to archive and retrieve bibliography information and reference material from an Internet source such as a website cited in a manuscript.



It is still another object of the present invention to provide a method  
5 and system for using a communications network to archive a copy of information  
from an Internet source cited in a manuscript for retrieval by users of the  
manuscript to enable verification of the cited Internet source information.

It is still yet another object of the present invention to provide a method and system for using a communications network to archive and retrieve bibliography information and reference material from a digital medium such as audio digital files, video digital files, and graphics digital files cited in a manuscript.

It is still yet a further object of the present invention to provide a method and system for using a communications network to archive and retrieve bibliography information and reference material from traditional physical sources of information such as books and magazines, interim reports, and works-in-progress cited in a manuscript.

-5-

a manuscript using a communications network such as the Internet. The system includes a first communications device connected to the communications network for an author of a manuscript to use. The author uses the first communications device to transfer identification of reference material cited by the author in the manuscript to the communications network. A second communications device is connected to the communications network for an audience of the manuscript use. The audience uses the second communications device to request and receive a copy of the reference material cited by the author in the manuscript from the communications network.

10 A database is connected to the communications network to communicate with the author and the audience via the communications network. The database receives the identification of reference material cited by the author from the author. The database stores a copy of the reference material and a distinctive key associated with the copy of the reference material. The database transmits a copy of the reference material to the audience in response to receiving a request from the audience for a copy of the reference material.

The database may transmit the distinctive key associated with the copy of the reference material to the author. In response, the author cites the distinctive key associated with the copy of the reference material in the manuscript. 20 The audience then obtains the distinctive key from the manuscript and then transmits a request having the distinctive key to the database. The database transmits a copy of the reference material to the audience in response to receiving the request having the distinctive key.

The reference material cited by the author in the manuscript may be 25 a website, an e-mail, a digital file, traditional media such as a paper book or

magazine, an interim report, and the like. If the reference material is a website the database receives a copy of the website from the Internet for storage and then transmits a copy of the website to the audience in response to receiving the request from the audience for a copy of the website. If the reference material is an e-mail  
5 the database receives a copy of the e-mail from the author via the Internet for storage and then transmits a copy of the e-mail to the audience in response to receiving the request from the audience for a copy of the e-mail. If the reference material is stored as a digital file the database receives a copy of the digital file from the author via the Internet for storage and then transmits a copy of the digital  
10 file to the audience in response to receiving a request from the audience for a copy of the e-mail. If the reference material is a paper book, photograph, an interim report, or the like the database receives an electronic scanned copy of the paper book/reference material from the author via the Internet for storage and then transmits an electronic copy of the paper book/reference material to the audience  
15 in response to receiving a request from the audience for an electronic copy of the paper book/reference material.

In carrying out the above objects and other objects, the present invention further provides a method for archiving reference material in a bibliography of a manuscript using a communications network such as the Internet,  
20 a first communications device connected to the communications network for an author of a manuscript to use, a second communications device connected to the communications network for an audience of the manuscript to use, and a database connected to the communications network to communicate with the author and the audience via the communications network.

25 The method includes transmitting identification of reference material cited by the author in the manuscript to the communications network from the first

communications device. The identification of the reference material cited by the author is then received at the database. A distinctive key is then associated with the reference material cited by the author. A copy of the reference material cited by the author and the associated distinctive key are then stored at the database. A  
5 request for a copy of the reference material is then transmitted from the audience to the database using the second communications device. A copy of the reference material is then transmitted from the database to the audience in response to the database receiving the request for a copy of the reference material from the audience. The distinctive key associated with the copy of the reference material  
10 is given by the database to the author. The distinctive key associated with the copy of the reference material may then be cited in the manuscript by the author. The distinctive key is then obtained from the manuscript by the audience. The transmitted request to the database may then include the distinctive key.

The advantages associated with the method and system of the  
15 present invention are numerous. The method and system of the present invention advantageously fill the deficiency associated with conventional bibliographic processes by identifying traditionally non-verifiable reference material cited in a manuscript with a distinctive key and then archiving a copy of the reference material on a database connected to a communications network such as the  
20 Internet. The audience of the manuscript may then access the reference material from the database by using the distinctive key for review and verification of the reference material. As a result, the method and system of the present invention protect the cited information from continuous modification and removal of the reference material by providing an avenue for the audience to gain access to an  
25 exact copy of the reference material cited by the author of the manuscript. Further, the method and system of the present invention provide a means of verification of the reference material.

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The above objects and other objects, features, and advantages of the present invention are readily apparent from the following detailed description of the best mode for carrying out the present invention when taken in connection with the accompanying drawings.

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### **Brief Description of the Drawings**

FIG. 1 illustrates a block diagram of a system in accordance with the present invention;

FIG. 2 illustrates a flow chart describing operation of the method and system of the present invention;

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FIG. 3 illustrates a graphical user interface for use by the author of a manuscript to transfer the address of a website cited in the manuscript to the database of the system shown in FIG. 1;

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FIG. 4 illustrates a graphical user interface for use by the audience to receive a copy of a website cited in a manuscript from the database of the system shown in FIG. 1; and

FIG. 5 illustrates an example of a bibliography section in accordance with the method and system of the present invention.

### **Best Modes For Carrying Out The Invention**

In general, the present invention is a method and system for using a communications network such as the Internet, wired and wireless data communications networks, and the like to archive and retrieve bibliography information and reference material cited in a manuscript. In operation, an author cites material from an information source such as an Internet source in the manuscript and then adds information identifying the Internet source into the bibliography section of the manuscript. The reference material from the Internet source may be from a website. The Internet source identification information may include the address of the website, i.e., the uniform resource locator (URL), the date of access of the website by the author, and the last modified date of the website. The website identification information is then transferred to the Internet for storage on a database associated with the manuscript. In addition to the website identification information, a copy of the website information is also transferred to the Internet for storage on the database. The database assigns a permanent distinctive key (other than the URL identifying the website) to the website identification information and the copy of the website. The distinctive key can then be used by readers of the manuscript to gain access to the website information cited by the author of the manuscript as the website stood on the date of submission by the author to the database.

The database acts as the bibliography of the manuscript by including a listing of information for each website cited in the manuscript. However, the database is more than a bibliography in that a copy in verbatim of each website used by the author is also stored on the database. In effect, the database archives the reference material for subsequent retrieval. Accordingly, if the website is

modified or removed from the Internet after the date of access by the author or after the manuscript is distributed to an audience, the audience may access the database to retrieve the actual website information used by the author for review and verification.

5                    Additionally, the method and system of the present invention extend to the identification and archival of other reference material such as works-in-progress, e-mails, regular mail, digital files, and traditional physical media by assigning a distinctive key to a copy of each such material and storing the distinctive key and the copy in the database for subsequent retrieval from the  
10                    database.

Referring now to FIG. 1, a block diagram of a system 10 for use with the present invention is shown. System 10 includes a communications network such as the Internet 12. An author 14 of a manuscript or document and an audience 16 of the manuscript are connected with the Internet 12 for  
15                    transferring and receiving information from the Internet. A database 18 is also connected to Internet 12 for transferring and receiving information from the Internet. Author 14 uses the Internet 12 to cite reference material from Internet sources in the manuscript. The Internet sources may be websites on the Internet 12. Author 14 includes a bibliography section with the manuscript for listing the  
20                    identification of the reference materials from the Internet sources and other sources. The bibliography section is intended to be reviewed by audience 18 for reviewing and verifying the reference material cited by author 14 in the manuscript. It is noted that the manuscript may be published or remain unpublished.

When citing a website as reference material in the manuscript, author 14 cites information identifying the website in the bibliography section of the manuscript. The identification information of the website in the bibliography section includes the address of the website such as a URL, the date of access of the website by the author, and the last modified date of the website. Author 14 then transfers to the Internet 12 information identifying the website as shown in FIG. 1. The website identification information transferred to the Internet 12 includes the address of the website. In response to author 14 transferring the website identification information to the Internet 12, database 18 receives from the Internet the website identification information and a copy of the reference material of the website, i.e., a copy of the website. The copy of the website is verbatim to the website on the Internet 12 when author 14 transferred the website identification information to the Internet. Database 18 then stores or archives the website identification information with the copy of the website.

Database 18 assigns a permanent distinctive key (other than the URL identifying the website) to the website identification information and the copy of the website. Author 14 includes the distinctive key in the bibliography section with the website identification information. Audience 16 of the manuscript may then access the Internet 12 to retrieve the copy of the website cited in the manuscript and in the bibliography section. In response to a request by audience 16 to the Internet 12 for access to the copy of the website, database 18 transfers the archived copy of the website to the audience via the Internet. As part of the request, audience 16 transfers the distinctive key provided by author 14 in the bibliography section of the manuscript to database 18 via the Internet 12. Database 18 uses the distinctive key to understand what reference material audience 16 is requesting. Audience 16 can then review the reference material from the website cited in the manuscript by author 14 for verification. The copy of the website



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provided by database 18 to audience 16 is an exact copy of the website when author 14 cited the website in the manuscript and submitted to database 18.

5 In effect, database 18 acts as a partial bibliography of the manuscript by including a listing of information for each website cited in the manuscript, and further includes a copy in verbatim of each website used by author 14. Database 18 archives the website for subsequent retrieval such that if the website is modified or removed from the Internet 12 subsequent to the author citing the website audience 16 may access the database to retrieve the actual website used by the author for review and verification.

10 Referring now to FIG. 2, a flow chart 20 describing operation of the method and system of the present invention is shown. Flow chart 20 begins with author 14 reviewing a website on the Internet 12 for reference material as shown in block 22. Upon finding reference material of interest, author 14 transfers the website address to database 18 via the Internet 12 as shown in block 15 24. A copy of the website referenced by author 14 is then also transferred to database 18 via the Internet 12 as shown in block 26. This copy may be sent from the Internet 12 to database 18 in response to a request for such copy by the database. Database 18 stores and archives the website address and the copy of the website for subsequent retrieval. Database 18 archives this information because 20 either the website address or the website itself may possibly be removed or altered after being cited by author 14. By archiving this information database 18 ensures that a verbatim copy of the website as cited by author 14 may be accessible for later study and verification. As part of the archiving process, database 18 associates a distinctive key (other than the URL) with the website address and the 25 copy of the website as shown in block 28.

Author 14 then cites the reference material from the website in a manuscript being written by the author as shown in block 30. Author 14 then cites the address of the website such as the website URL in the bibliography section of the manuscript as shown in block 32. Author 14 may also cite in the bibliography  
5 section the date of access of the website and the last modified date of the website.

Author 14 then cites the distinctive key associated with the website in the bibliography section of the manuscript as shown in block 34. After distribution of the manuscript to audience 16, the audience reviews the manuscript and the bibliography section of the manuscript as shown in block 36. In order to  
10 verify the reference material of a website cited by author 14 in the manuscript, audience transfers a request along with the distinctive key cited in the bibliography section to database 18 via the Internet 12 as shown in block 38. In response to receiving the request and the distinctive key from audience 16, database 18 transfers a copy of the archived website along with the website address to the  
15 audience via the Internet 12 as shown in block 40. Audience 16 then reviews the archived website for verification of the reference material cited by author 14 in the manuscript as shown in block 42.

In addition to obtaining a copy of the archived website from database 18 over the Internet 12, audience 16 may directly obtain a copy of the  
20 archived website from database 18 using traditional communications means such as regular post mail, courier, facsimile, and the like. Further, if the manuscript is a hypertext document audience 16 may click a hypertext distinctive key link located in the hypertext document. The hypertext distinctive key link is associated with the archived reference material. Upon audience 16 clicking the hypertext  
25 distinctive key link database 18 transfers a copy of the archived reference material to the audience via the Internet 12.

Referring now to FIG. 3, a graphical user interface 50 for use by author 14 to transfer the address of a cited website to database 18 is shown. Graphical user interface 50 is part of a communications system enabling communication between author 14 and database 18 via the Internet 12. Graphical user interface 50 includes an Internet source address entry 52 and a distinctive key entry 54. Author 14 enters the address of a cited website in Internet source address entry 52. For instance, the address is "www.WebSiteChannel.com" as shown in FIG. 3. Author 14 then enters a distinctive key to be associated with the cited website in distinctive key entry 54. For instance, the distinctive key is "WebSiteChannel A1" as shown in FIG. 3. (Alternatively, the distinctive key may be assigned by database 18 and then given by the database to author 14 as described above.) Upon entering the required information, author 14 presses a submit button 56 to transfer the entered information to database 18 via the Internet 12. Database 18 then accesses the Internet 12 to receive a copy of the website at the time of submission of the entered information by author 14. Database 18 archives the entered information, i.e., the website address and the distinctive key, with the copy of the website.

Referring now to FIG. 4, a graphical user interface 60 for use by audience 18 to receive a copy of the cited website from database 18 is shown. Graphical user interface 60 is part of a communications system enabling communication between audience 16 and database 18 via the Internet 12. Graphical user interface 60 includes an Internet source retrieve entry 62. Audience 16 enters the distinctive key associated with the cited website in Internet source retrieve entry 62. Upon entering the requested distinctive key information, audience 16 presses a submit button 64 to request database 18 via the Internet 12 to provide the audience with a copy of the cited website. In response to the request, database 18 transfers a copy of the cited website to audience 16 via the

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Internet 12. Audience 16 may then study and verify the cited website with the manuscript.

In addition to archiving website information, database 18 is further operable for archiving copies of other reference materials cited in a manuscript such as works-in-progress, e-mails, regular mail, digital files such as audio files, video files, and graphics files, and traditional physical media such as paper books and magazines. For example, the reference material cited by author 14 in a manuscript is an e-mail. In this case, author 14 transfers a copy of the cited e-mail to database 18 via the Internet 12. In response to receiving the e-mail copy database 18 associates a distinctive key with the e-mail copy and then stores the distinctive key with the e-mail copy. Author 14 then cites the e-mail with the distinctive key in the bibliography section of the manuscript. In reviewing the manuscript, audience 16 then transfers the distinctive key to database 18 via the Internet for requesting a copy of the cited e-mail for verification. Database 18 then transfers the e-mail copy to audience 16 in response to the request from the audience. Audience 16 may then review the e-mail copy for verification.

As can be readily understood, the reference material may be any type of material that can be stored by database 18. For example, any digital file can be stored by database 18. Similarly, traditional physical media such as paper books can also be stored in database 18 by scanning a portion or the entire paper book into a digital file. Further, audio/video files such as "ON24" news clips currently on the Internet may also be stored by database 18.

Further, the method and system of the present invention are useful with reference material that are kept in secrecy for a period of time. For example, reference material may be restricted from being distributed to audience 16 for a

period of time. The reference material may be a completed manuscript having some sort of secrecy order or may be a partially finished manuscript that author 14 does not wish audience 16 to see until completed. Author 14 transfers the completed or partially finished reference material and information of when the reference material will be available to audience 16 to database 18. Database 18 stores and associates a distinctive key with the reference material and the reference material availability information. Audience 18 may then use the distinctive key to access database 18 for the reference material to review and verify. In response, database 18 transfers the reference material availability information to audience 16. If the reference material is not yet available to audience 16, the reference material availability information may say that the reference material will be available in the future and request the audience to check back at the appropriate time. Upon the expiration of the time period and after author 14 has transferred a completed reference material to database 18, the database transfers to audience 16 upon request a copy of the reference material stored on the database.

Referring now to FIG. 5, an example of a bibliography section 70 in accordance with the method and system of the present invention is shown. Bibliography section 70 is attached to an end of a manuscript written by author 14. Author 14 uses bibliography section 70 to list all of the references that were cited in the manuscript. For instance, bibliography section 70 includes an website reference 72 (bibliography reference #1) having the address “www.WebSiteChannel.com” and the associated distinctive key “WebSiteChannelA1” as shown in FIG. 5. Bibliographic reference #2 is also a website. Similarly, bibliography section 70 includes a paper book reference 74 entitled “Engines” and authored by Heywood. Paper book reference 74 includes the distinctive key “Engines-Heywood” as shown in FIG. 5. Bibliography

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references #4, #5, and #6 are e-mail, digital audio file, and regular mail references.

Thus it is apparent that there has been provided, in accordance with the present invention, a method and system for using the Internet to archive and retrieve bibliography information and reference material cited in a manuscript that fully satisfy the objects, aims, and advantages set forth above. While the present invention has been described in conjunction with specific embodiments thereof, it is evident that many alternatives, modifications, and variations will be apparent to those skilled in the art in light of the foregoing description. Accordingly, it is intended to embrace all such alternatives, modifications, and variations as fall within the spirit and broad scope of the appended claims.

**What Is Claimed Is:**

1                   1. A system for archiving reference material in a bibliography of  
2 a manuscript using a communications network, the system comprising:

3                   a first communications device connected to the communications  
4 network for an author of a manuscript to use, wherein the author uses the first  
5 communications device to transfer identification of reference material cited by the  
6 author in the manuscript to the communications network;

7                   a second communications device connected to the communications  
8 network for an audience of the manuscript to use, wherein the audience uses the  
9 second communications device to request and receive a copy of the reference  
10 material cited by the author in the manuscript from the communications network;  
11 and

12                  a database connected to the communications network to  
13 communicate with the author and the audience via the communications network,  
14 wherein the database receives the identification of reference material cited by the  
15 author from the author, wherein the database stores a copy of the reference  
16 material and a distinctive key associated with the copy of the reference material,  
17 wherein the database transmits a copy of the reference material to the audience in  
18 response to receiving a request from the audience for a copy of the reference  
19 material.

1                   2. The system of claim 1 wherein:  
2 the communications network is the Internet.

1                   3. The system of claim 1 wherein:

2 the database transmits the distinctive key associated with the copy  
3 of the reference material to the author.

1 4. The system of claim 3 wherein:  
2 the author cites the distinctive key associated with the copy of the  
3 reference material in the manuscript, wherein the audience obtains the distinctive  
4 key from the manuscript and then transmits a request having the distinctive key to  
5 the database, wherein the database transmits a copy of the reference material to the  
6 audience in response to receiving the request having the distinctive key.

1 5. The system of claim 1 wherein:  
2 the reference material cited by the author in the manuscript is an  
3 website.

1 6. The system of claim 5 wherein:  
2 the database receives a copy of the website from the  
3 communications network for storage and then transmits a copy of the website to  
4 the audience in response to receiving the request from the audience for a copy of  
5 the website.

1 7. The system of claim 1 wherein:  
2 the reference material cited by the author in the manuscript is an e-  
3 mail.

1 8. The system of claim 7 wherein:  
2 the database receives a copy of the e-mail from the author via the  
3 communications network for storage and then transmits a copy of the e-mail to the



4 audience in response to receiving the request from the audience for a copy of the  
5 e-mail.

1 9. The system of claim 1 wherein:  
2 the reference material cited by the author in the manuscript is stored  
3 as a digital file.

1 10. The system of claim 9 wherein:  
2 the database receives a copy of the digital file from the author via  
3 the communications network for storage and then transmits a copy of the digital  
4 file to the audience in response to receiving a request from the audience for a copy  
5 of the e-mail.

1 11. The system of claim 1 wherein:  
2 the reference material cited by the author in the manuscript is a  
3 paper book.

1 12. The system of claim 11 wherein:  
2 the database receives an electronic scanned copy of the paper book  
3 from the author via the communications network for storage and then transmits an  
4 electronic copy of the paper book to the audience in response to receiving a request  
5 from the audience for an electronic copy of the paper book.

1 13. A method for archiving reference material in a bibliography of  
2 a manuscript using a communications network, a first communications device  
3 connected to the communications network for an author of a manuscript to use, a  
4 second communications device connected to the communications network for an  
5 audience of the manuscript to use, and a database connected to the communications

6 network to communicate with the author and the audience via the communications  
7 network, the method comprising:

8 transmitting identification of reference material cited by the author  
9 in the manuscript to the communications network from the first communications  
10 device;

11 receiving the identification of the reference material cited by the  
12 author at the database;

13 associating a distinctive key with the reference material cited by the  
14 author;

15 storing at the database a copy of the reference material cited by the  
16 author and the associated distinctive key;

17 transmitting a request for a copy of the reference material from the  
18 audience to the database using the second communications device; and

19 transmitting a copy of the reference material from the database to  
20 the audience in response to the database receiving the request for a copy of the  
21 reference material from the audience.

1 14. The method of claim 13 further comprising:

2 transmitting the distinctive key associated with the copy of the  
3 reference material from the database to the author.

1 15. The method of claim 14 further comprising:

2 citing the distinctive key associated with the copy of the reference  
3 material in the manuscript; and

4 obtaining the distinctive key from the manuscript by the audience;  
5 wherein transmitting a request for a copy of the reference material  
6 from the audience to the database includes transmitting a request having the  
7 distinctive key to the database.

1                   16. The method of claim 13 wherein:  
2                   the reference material cited by the author in the manuscript is a  
3                   website.

1                   17. The method of claim 16 further comprising:  
2                   receiving a copy of the website at the database from the  
3                   communications network for storage;  
4                   wherein transmitting a copy of the reference material from the  
5                   database to the audience in response to the database receiving the request for a  
6                   copy of the reference material from the audience includes transmitting a copy of  
7                   the website to the audience.

1                   18. The method of claim 13 wherein:  
2                   the reference material cited by the author in the manuscript is an e-  
3                   mail.

1                   19. The method of claim 18 further comprising:  
2                   receiving a copy of the e-mail at the database from the  
3                   communications network for storage;  
4                   wherein transmitting a copy of the reference material from the  
5                   database to the audience in response to the database receiving the request for a  
6                   copy of the reference material from the audience includes transmitting a copy of  
7                   the e-mail to the audience.

1                   20. The method of claim 13 wherein:  
2                   the reference material cited by the author in the manuscript is stored  
3                   as a digital file.

1                   21. The method of claim 13 further comprising:  
2                   receiving a copy of the digital file at the database from the  
3                   communications network for storage;  
4                   wherein transmitting a copy of the reference material from the  
5                   database to the audience in response to the database receiving the request for a  
6                   copy of the reference material from the audience includes transmitting a copy of  
7                   the digital file to the audience.

1                   22. The method of claim 13 wherein:  
2                   the reference material cited by the author in the manuscript is a  
3                   paper book.

1                   23. The method of claim 22 further comprising:  
2                   receiving an electronic scanned copy of the paper book at the  
3                   database from the author via the communications network for storage;  
4                   wherein transmitting a copy of the reference material from the  
5                   database to the audience in response to the database receiving the request for a  
6                   copy of the reference material from the audience includes transmitting a copy of  
7                   the electronic scanned copy of the paper book to the audience.

1                   24. The method of claim 13 wherein:  
2                   the communications network is the Internet.

1                   25. A system for storing a reference material using a  
2                   communications network, the system comprising:  
3                   a first communications device connected to the communications  
4                   network for an author of a manuscript to use, wherein the author uses the first

communications device to transfer a copy of the reference material and reference material availability information to the communications network;

a second communications device connected to the communications network for an audience of the manuscript to use, wherein the audience uses the second communications device to request and receive a copy of the reference material and the reference material availability information from the communications network; and

a database connected to the communications network to communicate with the author and the audience via the communications network, wherein the database receives a copy of the reference material and the reference material availability information from the author, wherein the database stores a copy of the reference material and the reference material availability information and a distinctive key associated with the copy of the reference material and the reference material availability information;

wherein, if the reference material is available, the database transmits a copy of the reference material to the audience in response to receiving a request from the audience for a copy of the reference material;

wherein, if the reference material is not available, the database transmits a copy of the reference material availability information to the audience in response to receiving a request from the audience for a copy of the reference material.

**Abstract**

A method and system for using a communications network such as the Internet to archive and retrieve bibliography information and reference material cited in a manuscript includes a first communications device connected to the Internet for an author of a manuscript to use. The author uses the first communications device to transfer identification of reference material cited by the author in the manuscript to the Internet. A second communications device is connected to the Internet for an audience of the manuscript to use. The audience uses the second communications device to request and receive a copy of the reference material cited by the author in the manuscript from the Internet. A database is connected to the Internet to communicate with the author and the audience via the Internet. The database receives the identification of reference material cited by the author from the author. The database stores a copy of the reference material and a distinctive key associated with the copy of the reference material. The database transmits a copy of the reference material to the audience in response to receiving a request from the audience for a copy of the reference material. The reference material cited by the author in the manuscript may be a website, an e-mail, a digital file, and traditional media such as a paper book or magazine.

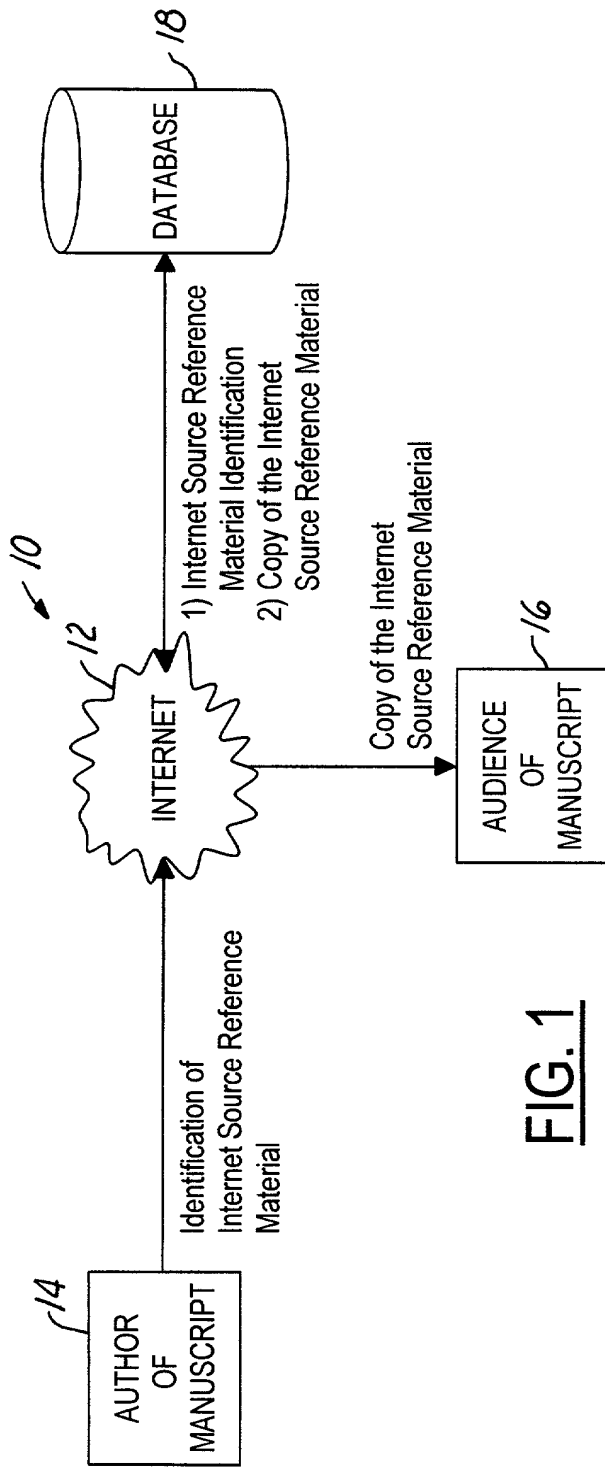


FIG. 1

50

Internet Source Address:

52

www.WebSite Channel.com

SUBMIT 56

DISTINCTIVE KEY:

54

WebSite Channel A1

FIG. 3

60

Retrieve:

WebSite Channel A1 62

SUBMIT 64

FIG. 4

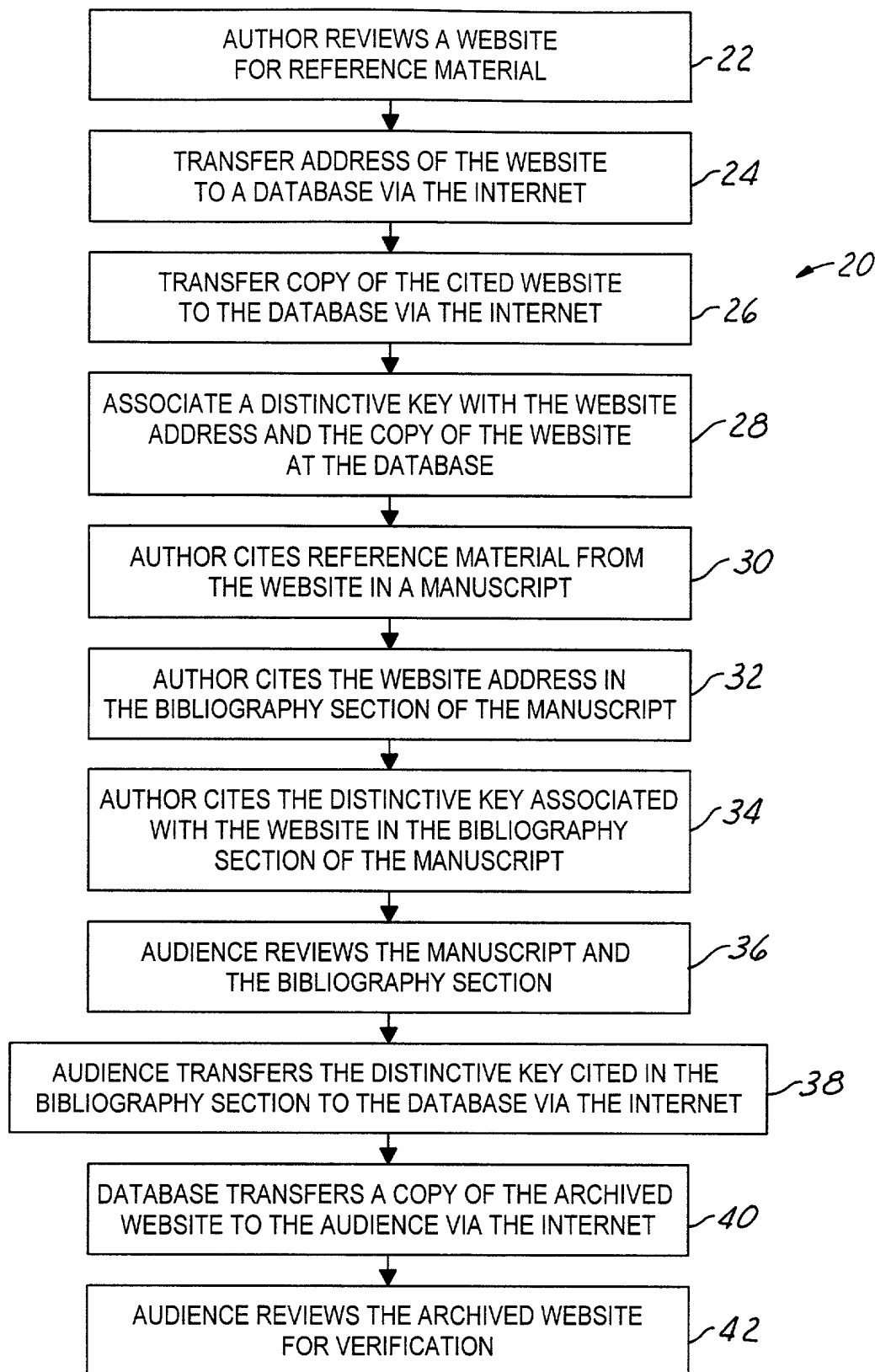


FIG. 2



↖ 70

REFERENCES

- 1) www.WebSite Channel.com, accessed September 2000, last modified August 2000, Key = WebSite Channel AI. ← 72
- 2) www. Internet Source Info.com, accessed May 2000, last modified January 2000, Key = Internet Source Info B3.
- 3) Engines, Heywood, pp 01-101, 1998, Key = Engines - Heywood. ← 74
- 4) Krish email, October 4, 2000, Key = Krish email Oct 4, 2000.
- 5) Engine Seminar Audio Conference, Detroit July 2000, Key = Engine Seminar Audio Conference - Detroit, 2000.
- 6) Krish letter to Heywood, October 1, 2000, Key = Krish Letter to Heywood.

FIG. 5

# DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Atty. Docket No. BUO 0101 PUS  
First Named Inventor SRIKRISHNA TALLURI

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## METHOD AND SYSTEM FOR USING A COMMUNICATION NETWORK TO ARCHIVE AND RETRIEVE BIBLIOGRAPHY INFORMATION AND REFERENCE MATERIAL

the specification of which:

[ X ] is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Ernie L. Brooks, Reg. No. 26,260; James A. Kushman, Reg. No. 25,634; David R. Syrowik, Reg. No. 27,956; Mark A. Cantor, Reg. No. 30,614; Ralph M. Burton, Reg. No. 17,748; Robert C.J. Tuttle, Reg. No. 27,962; Earl J. LaFontaine, Reg. No. 30,766; Ronald M. Nabozny, Reg. No. 28,648; Thomas A. Lewry, Reg. No. 30,770; John E. Nemazi, Reg. No. 30,876; Kevin J. Heintz, Reg. No. 29,805; William G. Abbatt, Reg. No. 31,936; Donald J. Harrington, Reg. No. 17,427; Timothy G. Newman, Reg. No. 34,228; Frederick M. Ritchie, Reg. No. 18,669; Robert C. Brandenburg, Reg. No. 29,048; A. Frank Duke, Reg. No. 20,937; John M. Halan, Reg. No. 35,534; Jeffrey M. Szuma, Reg. No. 35,700; James R. Ignatowski, Reg. No. 26,741; Frank A. Angileri, Reg. No. 36,733; William G. Conger, Reg. No. 31,209; Sangeeta G. Shah, Reg. No. 38,614; Christopher W. Quinn, Reg. No. 38,274; Robert C. Jones, Reg. No. 35,209; David S. Bir, Reg. No. 38,383; Konstantine J. Diamond, Reg. No. 39,657; James N. Kallis, Reg. No. 41,102; Hugo A. Delevie, Reg. No. 32,688; Ralph E. Smith, Reg. No. 35,474; Michael S. Brodbine, Reg. No. 38,392; Jeremy J. Curcui, Reg. No. 42,454; Mark D. Chuey, Reg. No. 42,415; Pete N. Kioussis, Reg. No. 41,117; Stephanie M. Mansfield, Reg. No. 43,773; Mark E. Stuenkel, Reg. No. 44,364; Matthew R. Mowers, Reg. No. 44,956; Lawrence G. Almeda, Reg. No. 46,151; Ginta Kukainis, Reg. No. 46,082; Seth E. Rodack, Reg. No. 45,622; James W. Proscia, Reg. No. 47,010; Matthew M. Jakubowski, Reg. No. 44,801.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature T. Srikrishna Date Nov / 10 / 2000  
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